

ABSTRACT

A process for preparation of crystalline perindopril erbumine of formula (II) which exhibits the X-ray (powder) diffraction pattern like that shown in the figure. The process comprises reacting a solution of perindopril of formula (I), in a solvent selected from N, N-dimethylformamide or dimethyl acetals of lower aliphatic aldehydes and ketones with tertiary butylamine and crystallization of the erbumine salt thus obtained by heating the reaction mixture to reflux, filtering hot, cooling gradually to 20 °C to 30 °C, and further cooling to 0° C to 15 °C for 30 minutes to 1 hour and finally filtering off and drying the crystals.